

Unit 7 - Assignments

Note: some of these are ones we do in class and some of these assignments are optional. Go based on slides and titles.

RICE Table/Equilibrium Calculations

- [RICE Table Only](#) - [Answer Key](#) , filling out RICE tables based on info in the boxes in general
 - [Kc Calc Problem Set #1](#) - [Answer Key](#), Calculating Kc along with some questions being various parts (a-d)
 - [Chemical Equilibrium, Le Chat + 1 Word Problem \(Problem set #2\)](#) - [Answer Key](#)
 - adding/removing parts of rxn
 - how will the system change in order to deal with the stress
 - NOTE: last problem says ICE table can be used with moles but I advise against that mainly because equilibrium constants are using molarity (or pressure for gasses)
 - [Various ICE Problems](#) - [Answer Key](#), mostly word problems of varying kinds, problems such as: calculating Kc, conc at equilibrium, Kp, Kc w/ solving for Q 1st
 - [Solving Rice Tables and Equilibria Problems](#) - [Answer Key](#), mostly word problems of varying kinds, problems such as: calculating Kc, conc at equilibrium, K_p, K_{sp}, common ion effect
 - [FRQ Practice Problem 1995](#) - [Answer Key](#), ignore part c cuz that is not taught in AP Chem anymore
 - [Chemical Equilibrium AP Question \(Pasadena, 7.7\)](#)
 - [Answer Key without Work Shown](#)
 - [Answer Key with Work Shown](#)
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Student Made Worksheets/Keys:

If you think something is wrong, ask. I didn't double check the answer keys.

- [7.1](#) - [Answer Key](#) ← **need to fix WS** cuz the image doesn't work anymore
 - [7.2 - 7.3](#) - [Answer Key](#)
 - [7.4](#) - [Answer Key](#)
 - [7.6](#) - [Answer Key](#)
 - [7.7](#) - [Answer Key](#) → While this is labeled 7.7, it's actually mainly 7.6 with a dash of 7.7
 - [7.9 & 7.10](#) - [Answer Key](#)
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Order of WS given:

- [Student Made WS: 7.1](#)
- [Student Made WS: 7.2 - 7.3](#)
- [Student Made WS: 7.4 & 7.6](#)
- [WS: Chemical Equilibrium AP Question \(Pasadena, 7.7\)](#)
- [Kc Calc Problem Set #1](#)
- [Student Made WS: 7.7](#)
- [Student Made WS: 7.9 - 7.10](#)
- [Problem Set #2 WS: Chem Equilibrium, Le Chatelier's Principle \(Pasadena, 7.9\)](#)